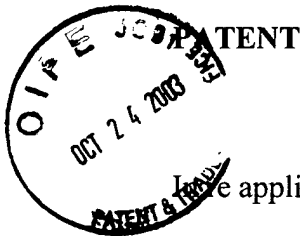


10-27-03



ATTORNEY DOCKET NO. VEOC.003.02US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor application of: Rune Robert Isak Erik Frants
et al.

Serial No.: 10/619,898

Filed: July 14, 2003

Title: A gene related to migraine in man

) Examiner:

)

) Art Unit:

)

)

)

) INFORMATION DISCLOSURE

) STATEMENT TRANSMITTAL

)

Mail Stop DD

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith is:

[X] An Information Disclosure Statement.

[X] A PTO-1449 Form.

[X] Copies of references A1 and C1-C15 as listed on the PTO-1449 Form.

(A copy of reference B2 was submitted under 35 USC 371 as priority application 09/269,446, cited here as reference A1. Reference B1 was submitted on March 6, 2000 as part of an Information Disclosure Statement in this priority application)

CERTIFICATE OF EXPRESS MAILING

EL 967947039 US

(Express Mail Label No.)

October 24, 2003

(Date of Deposit)

I hereby certify under 37 C.F.R. 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Carrie Bucher

(Signature)

Carrie Bucher

(Printed Name)

PATENT

ATTORNEY DOCKET NO. VEOC.003.02US

- ☐ An International Search Report.
- ☒ Return postcard (postage prepaid).
1. ☒ This Information Disclosure Statement is filed before the later of:
- ☐ three months from the filing date of this national application;
 - ☐ three months from the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or
 - ☒ the mailing date of a first office action on the merits.
- ☒ In accordance with 37 C.F.R. § 1.97(b), no fee is required.
2. ☐ This Information Disclosure Statement is filed after the events noted in paragraph 2, but before either:
- (1) a final action under 37 C.F.R. § 1.113; or
 - (2) a Notice of Allowance under 37 C.F.R. § 1.311.
- ☐ In accordance with 37 C.F.R. § 1.97(c) also enclosed is:
- ☐ a fee under 37 C.F.R. § 1.17(p) in the amount of \$180.00; or
 - ☐ a certification as stated below.
3. ☐ This Information Disclosure statement is filed before the payment of the issue fee, but after either:
- (1) a final action under 37 C.F.R. § 1.113; or
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- ☐ In accordance with 37 C.F.R. § 1.97(d) also enclosed is:
- (1) A certification, as stated below;
 - (2) A Petition requesting consideration of the Information Disclosure Statement; and

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- (3) The petition fee set forth in 37 C.F.R. § 1.17(i)(1) in the amount of \$130.00.

Certification

The undersigned also states:

- ☐ Each item of information contained in the Information Disclosure Statement cited herein was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing date of this Information Disclosure Statement; or
- ☐ No item of information contained in the Information Disclosure Statement submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of this Information Disclosure Statement.

TOTAL FEES: \$0.00

- ☐ A check including the amount of the above-indicated TOTAL FEES is attached.
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- ☐ A check in the amount of \$[FILL IN AMOUNT] is attached.
- ☒ No fee is required.
- ☒ The Commissioner is hereby authorized to charge any underpayment of the following fees associated with this communication, including any necessary fees for extension of time, or credit any overpayment to Deposit Account No. 18-0020.
- ☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17.
- ☒ A duplicate copy of this sheet is attached for accounting purposes.

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ATTORNEY DOCKET NO. VEOC.003.02US

Respectfully submitted,

Dated: October 24, 2003



Barbara Rae-Venter, Ph.D.

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ATTORNEY DOCKET NO. VEOC.003.02US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Rune Robert Isak Erik Frants) Examiner:
et al.)
) Art Unit:
Serial No.: 10/619,898)
)
Filed: July 14, 2003)
)
Title: A gene related to migraine in man) **INFORMATION DISCLOSURE**
) **STATEMENT**
)

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is hereby submitted in accordance with 37 CFR 1.98 and pursuant to Applicant's continuing duty under 37 CFR 1.56 to bring any information which may be material to patentability of this application to the Examiner's attention.

Applicant makes no representation that a complete search has been conducted by the Applicant, or that there is not possibly more relevant art. Applicant also makes no representation that the information submitted herewith is in fact material.

The subject application is believed patentable over any of the above references.

CERTIFICATE OF EXPRESS MAILING

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Carrie Bucher
(Signature)

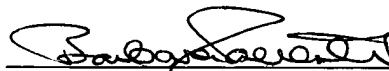
Carrie Bucher
(Printed Name)

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ATTORNEY DOCKET NO. VEOC.003.02US

COMMISSIONER FOR PATENTS
Alexandria, VA 22313-1450FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 1 of 2In re the application of: Rune Robert Isak Erik Frants, *et al.*

Serial No. 10/619,898

Filed: July 14, 2003

Art Unit:

Examiner:

U.S. PATENT DOCUMENTS						
Ref. <u>Desig.</u>	Examiner's <u>Initials</u>	Document <u>Number</u>	Issue <u>Date</u>	<u>Name</u>	Class/ <u>Subclass</u>	Filing <u>Date</u>
A1		09/269,446		Frants <i>et al.</i>		03/26/99

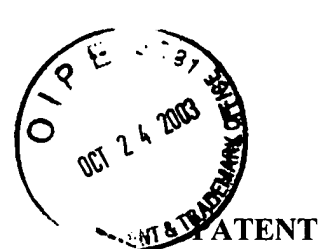
OTHER PATENT DOCUMENTS						
Ref. <u>Desig.</u>	Examiner's <u>Initials</u>	Document <u>Number</u>	Issue <u>Date</u>	<u>Country</u>	Class/ <u>Subclass</u>	Filing <u>Date</u>
B1		WO 95 04822 A	02/16/95	PCT		08/11/94
B2		WO 98 13490	04/02/98	PCT		09/26/97

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)						
Ref. <u>Desig.</u>	Examiner's <u>Initials</u>					
C1		Browne, D.L. <i>et al.</i> (1994) <u>Nature Genetics</u> 8:136-140.				
C2		Diriong, S. <i>et al.</i> (1995) <u>Genomics</u> 30:605-609.				
C3		Fletcher C.F. <i>et al.</i> (1996) <u>Cell</u> 87:607-617.				
C4		Hovatta I. <i>et al.</i> (1994) <u>Genomics</u> 23:707-709.				
C5		Joutel, A. <i>et al.</i> (1993) <u>Nature Genetics</u> 5:40-45.				
C6		Joutel, A. <i>et al.</i> (1994) <u>Am. J. Hum. Genet.</u> 55:1166-1172.				
C7		Joutel, A. <i>et al.</i> (1994) <u>Rev. Neurol.</u> 150:340-345.				

Examiner:

Date Considered:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



ATTORNEY DOCKET NO. VEOC.003.02US

COMMISSIONER FOR PATENTS
Alexandria, VA 22313-1450

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 2 of 2

In re the application of: Rune Robert Isak Erik Frants, <i>et al.</i>]	
]	Art Unit:
Serial No. 10/619,898]	
]	Examiner:
Filed: July 14, 2003]	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref.	Examiner's	
<u>Desig.</u>	<u>Initials</u>	
C8		Lara, M. <i>et al.</i> (1995) <u>Rev. Neurol.</u> 23 supp 2:S179-184.
C9		May, A. <i>et al.</i> (1995) <u>Hum.Genet.</u> 96 :604-608.
C10		Vahedi, K. <i>et al.</i> (1995) <u>Annals of Neurology</u> 37 :289-293.
C11		Ophoff, R.A. <i>et al.</i> (Oct 24-28, 1995) <u>Am J of Human Genetics</u> 57 (4 Suppl.)
C12		Soldatov, N. (1994) <u>Genomics</u> 22 :77-87.
C13		Lewin, B. (1994) "Genes V" <u>Oxford U Press</u>
C14		Hullin, R. <i>et al.</i> (1992) <u>The Embo Journal</u> 11 :3:885-890.
C15		Perez-Reyes, E. <i>et al.</i> (1992) <u>Journal of Biological Chemistry</u> 267 :3:1792-977.

Examiner:	Date Considered:
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EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.